

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 April 2005 (28.04.2005)

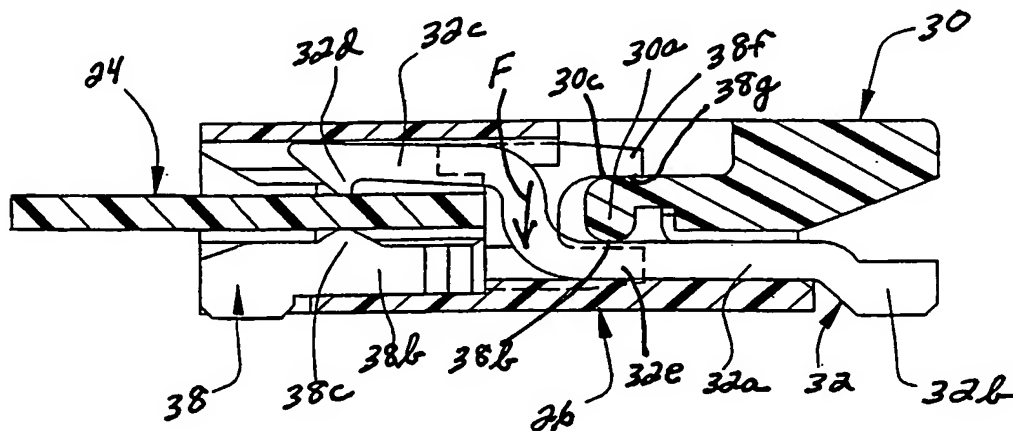
PCT

(10) International Publication Number
WO 2005/038992 A1

- (51) International Patent Classification⁷: **H01R 12/08**, 12/38, 12/16 (74) Agent: **WEISS, Stephen, Z.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).
- (21) International Application Number: **PCT/US2004/033636** (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 12 October 2004 (12.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 356043/2003 16 October 2003 (16.10.2003) JP (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- Published:
— with international search report

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(54) Title: **FLAT CIRCUIT CONNECTOR**



(57) Abstract: An electrical connector (22) is provided for terminating a flat electrical circuit (24) to a printed circuit board. The connector includes a dielectric housing (26) having an opening (28) for receiving an end of the flat circuit. A plurality of terminals are mounted on the housing in a side-by-side array and are spaced along the opening. Some of the terminals have mounting sections (32a) for fixing the terminal in the dielectric housing. Each such terminal includes a tail section (32b) projecting from one end of the mounting, section outside the housing for connector to an appropriate circuit trace on the printed circuit board. A flexible contact arm (32c) projects from an opposite end of the mounting section into the opening. An actuator section (32e) is disposed between the flexible contact arm and the mounting section. An actuator (30) is movably mounted on the housing for movement between an open position allowing the flat circuit to be inserted into the opening and a closed position in engagement with the actuator sections of the terminals to bias the flexible contact arms into engagement with the flat circuit.

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— with amended claims

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